

Today's Topics:

ARRL (2 msgs)
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Modifying radios for out of band operation
Modifying radios for out of band operation (was Re: ARRL) (long)
RCA Series 700
Re^2: What's a good "FCC class B" PC/AT c
Scanning food service
Static
Them Pesky Monitoring Laws!
Where is Burkina Faso (XT2)

Date: 6 Dec 89 18:10:19 GMT
From: att!cbnewsm!mhgki!rma@ucbvax.Berkeley.EDU (atkins, robert m)
Subject: ARRL
Message-ID: <7353@cbnewsm.ATT.COM>

In article <18491@bellcore.bellcore.com>, karn@ka9q.bellcore.com (Phil Karn) writes:

....several examples of mods given...deleted to save space.
>
> On my IC-32A (2m/70cm handheld) I enabled all of the out-of-band receive and
> transmit mods. Why? Because that was the only way to gain the ability to
> transmit within the 70cm amateur band below 440 MHz.
>
> So you see, Bob, there are some perfectly legitimate reasons an amateur
> might want to modify an amateur rig for extended frequency coverage that
> have absolutely nothing to do with a desire to operate illegally. Modifying
> an amateur transceiver to *enable* it to transmit out of band is perfectly
> legal as long as you don't *actually* transmit out of band.
>
> Phil

Good point phil, I tend to forget about operation outside the weak signal parts of the band. There are indeed legitimate uses for tx equipment which *could* transmit an out of band signal. I very much doubt that that is the reason why most mods are made. As regards the previous posting about reporting requests for such mods to the FCC, that is going a bit far. However the op of a BBS has a perfect right to reject any posting he feels might be inappropriate. If every modified HT was used to drive transverters to the higher bands, then I for one would be very pleased.

Bob, KA1GT

Date: 6 Dec 89 19:39:25 GMT
From: csusac!mmsac!david@ucdavis.ucdavis.edu (David Kensiski)
Subject: ARRL
Message-ID: <2832@cygnus.mmsac.UUCP>

In article <13900013@m.cs.uiuc.edu> kenny@m.cs.uiuc.edu writes:

> I know that I'm going to get flamed, now, for having posted excuses
> that the illegal operators can use in order to contrive
> legitimate-sounding requests for out-of-band modifications.
> FBOM.

(What does FBOM mean?)

No flames from me! I support your position entirely. I was rather upset by the "ARRL" posting that you refer to.

There is absolutely nothing wrong with having the information about how to modify your radio for out of band operation. Nor is there anything wrong with performing these modifications to your radio. What is wrong is using this modified radio to transmit out of your licensed band.

If you are going to flame Kenny, you'd best flame me, too.

--Dave

--

David L. Kensiski, KB6HCN	Martin Marietta Data Systems
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UUCP: sun!sacto!mmsac!david	INTERNET: david@mmsac@sacto.West.Sun.COM

Date: 6 Dec 89 18:30:38 GMT
From: philmtl!philabs!briar.philips.com!rfc@uunet.uu.net (Robert Casey;6282;3.57;\$0201)
Subject: ARRL and tx/rx mods
Message-ID: <69944@philabs.Philips.Com>

Another legit use of modified radios would be a signal source for testing receivers, scanners, etc. Just be sure to use a dummy load on the transceiver, or even an attenuator and cable connected to the receiver (use a LOT of attenuation!). But the dummy load will leak enough so that a nearby receiver should hear it. I'm sure that those RF signal generators I see around the lab are not restricted to FCC licensed people only! At least noone

worrys about it here.

73 de WA2ISE

Date: Wed, 6 Dec 89 22:10:46 EST
From: Michael_Edelman%Wayne-MTS@um.cc.umich.edu
Subject: H89 Terminal Program
Message-ID: <186405@Wayne-MTS>

TO whoever was looking for an H89 program: This is a CP/M machine, right? I'd suggest looking through the bulletin boards for a copy of PLINK. It's not the smartest thing, but it'll do a crude upload and download, has few neat features, and best of all, it's small enough to type into your machine (which may be necessary if you don't *have* a terminal program already!) without wearing out your fingers. At least, that's how I got started on my late, lamented Northstar...

 --mike ke8yy
michael_edelman%Wayne-MTS@um.cc.umich.edu
medelman@waynest1

Date: 6 Dec 89 23:20:35 GMT
From: cbmvax!grr@rutgers.edu (George Robbins)
Subject: info on IC R71 Book?
Message-ID: <8860@cbmvax.UUCP>

Is anyone familiar with a book(let) titled "ICOM R71 Performance Handbook" written by some guy up in Canada? I'd like to know if the book is really useful or if I should just go buy all those optional filters...

I'm primarily interested in computerized control, but would also be interested in mods or do it yerself add-ins.

Also, either a phone number, price or pointer to and advertisment would be appreciated...

--
George Robbins - now working for, uucp: {uunet|pyramid|rutgers}!cbmvax!grr
but no way officially representing arpa: cbmvax!grr@uunet.uu.net
Commodore, Engineering Department fone: 215-431-9255 (only by moonlite)

Date: 6 Dec 89 21:52:15 GMT

From: shlump.nac.dec.com!tallis.enet.dec.com@decwrl.dec.com (Jim Reisert)
Subject: Meteor Scatter Beacon
Message-ID: <6660@shlump.nac.dec.com>

In article <2702@radio.oakhill.UUCP>, charlie@oakhill.UUCP (Charlie Thompson) writes...

>Since there is a commercial meteor scatter system in place (monitoring
>snowfall?) it would be nice to tune in to the master station's beacon
>frequency and "listen" for meteors. What frequencies in the US are
>currently in use as the master station for meteor communication?

Charlie,

We do the same thing with TV channels, especially 12 and 13. We have a monitor which is tuned to the video carrier frequency of one of the non-local channels (i.e. you don't want to pick a channel that's close by, because you'll hear it all the time.) During meteor showers, you can hear the pings from the carriers of distant television stations. One of these channels we use is in the 215 MHz range, probably 13, since there is a channel 12 locally (Providence, RI).

jim, AD1C

"The opinions expressed here in no way represent the views of Digital Equipment Corporation."

James J. Reisert	Internet: reisert@tallis.enet.dec.com
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Date: 7 Dec 89 01:42:40 GMT
From: tank!cps3xx!usenet@handies.ucar.edu (Usenet file owner)
Subject: Modifiying radios for out of band operation
Message-ID: <5694@cps3xx.UUCP>

In article <1188@necis.UUCP> rbono@necis.UUCP (Rich Bono) writes:
>I can see the headlines now, "Ham radio equipment is used to disrupt
>police/fire/ambulance (choose one) communications and 5 lives were lost".
>What will they do??? Of course they will create a new law that says that
>broadband technologies and computer controlled PLL's cannot be used in
>Amateur gear any longer because it is too easlily modified for use in
>services where it does not belong.

Rich:

This would be another example of inept and ignorant legislators gone awry. Unfortunately, all we seem to have is inept and ignorant legislators. All this would do is create another black market. Don't we have enough black markets (drugs, prostitutes, certain weapons)? Didn't we learn in the 20's that creating black markets is self-defeating?

On the other hand, (and this is the real point of this posting), this might be good for amateur radio. What if all hams had to build their own rigs? What if the fancy stuff wasn't available commercially? This might get a lot of the riff-raff off the bands. Sure, we would all be inconvenienced, but there might be some hidden advantages.

I think that all amateur radio operators should be able to build their own equipment. I can (and have) build my own transmitters, receivers, and antennas. If I can do it at 10 GHz, I surely can do it on 450 MHz and below!

>I sometimes wonder where this urge to modify radios to transmit in an area
>that we are not allowed comes from.

Most of it comes from wanting to use the receiver over a wider frequency range. Opening up the receiver on many UHF radios opens up the transmitter also. Why don't the rice-boxes come with extended receive capability on UHF?

In the rare case that original ideas	Kenneth J. Hendrickson	N8DGN
are found here, I am responsible.	Owen W328, E. Lansing, MI	48825
Internet: kjh@pollux.usc.edu	UUCP: ...!uunet!pollux!kjh	

Date: 7 Dec 89 02:53:50 GMT
From: brian@ucsd.edu (Brian Kantor)
Subject: Modifiying radios for out of band operation (was Re: ARRL) (long)
Message-ID: <10338@ucsd.Edu>

I have modified my radios to work out-of-band because they make super-fantastic pieces of test equipment, both as receivers and as signal sources. I don't jam with them. What I ****DO**** do with them is work hard at trying to advance the state of the art of radio communication.

I really don't understand the little-old-grannies on this network who worry about what someone else might do with a modified radio. One gets the impression that these frightened little rabbits are so fearful that they hardly dare get on the air themselves! To justify their fears,

they conjure up nightmare visions of "converted free-banders", "deaths from interference", and things that go bump in the night. Is it that they fear that others will show the same dearth of self-control that they lack?

If you are one of these people, I say to you, sell or give away your radios and take up stamp collecting. You clearly don't need ham radio, and ham radio doesn't need you.

Lead, follow, or get the hell out of the way.

- Brian

Date: 7 Dec 89 02:40:26 GMT
From: brian@ucsd.edu (Brian Kantor)
Subject: RCA Series 700
Message-ID: <10337@ucsd.Edu>

RCA radio TCXOs show up at swap meets from time to time; around here there's a guy who appears every two or three months with little bins of dozens of channel elements, icoms, and tcxos. About \$5 to \$10 is the going rate.

Or check with a local two-way radio shop to see if they have any pull-outs. Used to be that the factory shipped a set in every radio and some of the larger outfits didn't want to bother to re-crystal them, so they just piled up in bin under the bench.

I think International Crystal will sell you new ones, but they're dear.

- Brian

Date: 7 Dec 89 00:32:56 GMT
From: jupiter!karn@bellcore.com (Phil R. Karn)
Subject: Re^2: What's a good "FCC class B" PC/AT c
Message-ID: <18512@bellcore.bellcore.com>

>Regarding Jameco...

My problem with Jameco is that their prices are way out of line compared to what I see at the local computer shows. I've bought several systems at these events over the past few years and, in general, I've had reasonably good luck. The one time I had an infant mortality (a Samsung VGA monitor) the dealer replaced it without any question (although I did have to drive it back.)

At the computer shows you also get the opportunity to examine things like cases before you buy to see if they can be made RF tight.

But you really have to do your homework before you buy parts for your clone system. I bought that Samsung monitor with the expectation that I could add extra memory to the VGA card I bought with it to display enhanced 640x480x256 images. The VGA card worked fine in the enhanced mode, but I discovered to my dismay that the (newly replaced) Samsung monitor couldn't support the slower scanning rate.

So at the next show I ended up trading it back in for a NEC Multisync 3D. It works great on Eric's weather satellite pictures (and everything else in the GIF collections, too.) But if I had done my homework ahead of time, however, I could have bought the Multisync at the beginning and saved myself some trouble.

Phil

Date: 7 Dec 89 01:48:04 GMT
From: usenet.ins.cwru.edu!news@tut.cis.ohio-state.edu (Gary Lee)
Subject: Scanning food service
Message-ID: <1989Dec7.014804.2523@usenet.ins.cwru.edu>

Having just joined this net, I missed this list.

Would some kind individual please e-mail me a copy of it?

Thanks,

Gary

Date: Wed, 6 Dec 89 15:03:08 CST
From: dube@cpdvax.csc.ti.com (DUBE TODD)
Subject: Static
Message-ID: <8912062116.AA00734@ti.com>

Steve Bertsch asked "Why are random noise pulses called static?"
How about: It's the sound it made in those old headsets :) :)

73s

Dube Todd

Date: 6 Dec 89 22:53:55 GMT
From: sparkyfs!milkfs.itstd.sri.com!gd@rutgers.edu (Greg DesBrisay)
Subject: Where is Burkina Faso (XT2)
Message-ID: <28996@sparkyfs.istc.sri.com>

Where is Burkina Faso. Loyd and Iris Colvin are supposed to be active from there as XT2KG. Is it the new name of a country or is it an island or reef somewhere?

Thanks in advance,

Greg
AA6B0

End of INFO-HAMS Digest V89 Issue #983
